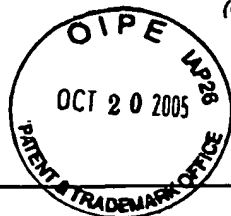


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	APPLICANT <b>Hu et al.</b>		
	FILING DATE <b>3/16/2004</b>	GROUP <b>1755</b>	



**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL*	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS SUBMITTED?	Copy Submitted	ENG LANG EQUIV
<i>DRS</i>	2341191	3/8/2000	GB	C5E	ESR	No	<input checked="" type="checkbox"/>	
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<i>DRS</i>	93/19138	9/22/2005	WO	C10G	11/05	No	<input checked="" type="checkbox"/>	

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	20020179498	12/5/2002	Chester et al.	208	230	12/21/1999	<input type="checkbox"/>
	4188285	2/12/1980	Michlmayr	208	246	12/20/1978	<input type="checkbox"/>
	5146039	9/8/1992	Huels Aktiengesellschaft, Marl, Fed.	585	820	11/06/1990	<input type="checkbox"/>
	5525210	6/11/1996	Wormsbecher et al.	208	122	8/30/1994	<input type="checkbox"/>

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		APPLICANT <b>Hu et al.</b>					
		FILING DATE <b>3/16/2004</b>		GROUP <b>1764</b>			
U.S. PATENT DOCUMENTS							
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	5670037	9/23/1997	Zaiting et al.	208	114	4/25/1994	<input type="checkbox"/>

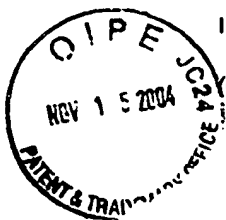
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*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	Copy Submitted
QPS	2004011629 0110629	6/10/2004	Stamires et al.	502	60	8/28/2003	<input type="checkbox"/>
	3293192	12/20/1966	Maher et al.	252	430	8/23/1965	<input type="checkbox"/>
	3402996	9/24/1968	Maher et al.	23	112	12/19/1966	<input type="checkbox"/>
	3607043	9/21/1971	McDaniel et al.	23	111	11/19/1969	<input type="checkbox"/>
	3676368	7/11/1972	Scherzer et al.	252	455 Z	8/26/1970	<input type="checkbox"/>
	3957689	5/18/1976	Ostermaier et al.	252	455	8/2/1974	<input type="checkbox"/>
	4126579	11/21/1978	Flaherty et al.	252	455Z	07/12/1977	<input type="checkbox"/>
	4218344	8/19/1980	Vasalos	502	64	1/11/79	<input type="checkbox"/>
	4226743	10/7/1980	Seese et al.	252	453	3/12/1979	<input type="checkbox"/>
	4267072	5/12/1981	Vasalos, I.	252	455 Z	8/6/1979	<input type="checkbox"/>
	4280898	7/28/1981	Tatterson et al.	208	119	11/5/1979	<input type="checkbox"/>
	4359378	11/16/1982	Scott, John W.	208	120	2/15/1980	<input type="checkbox"/>
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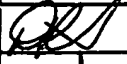



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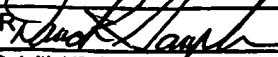
Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO.  <b>W9570-01</b>		Page <u>2</u> of <u>5</u>  SERIAL NO  <b>10/801,424</b>	
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	4855036	8/8/1989	Chiang et al.	208	120	12/18/1987	<input type="checkbox"/>
	4877514	10/31/1989	Hettinger et al.	208	120	11/10/88	<input type="checkbox"/>
	4889617	12/26/1989	English, A.	208	121	3/24/1986	<input type="checkbox"/>
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	5376608	12/27/1994	Wormsbecher et al.	502	61	1/27/1993	<input type="checkbox"/>
	5525210	6/11/1996	Wormsbecher et al.	208	122	8/30/1994	<input type="checkbox"/>
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6036847	3/14/2000	Ziebarth et al.	208	113	03/26/1996	<input type="checkbox"/>	
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				APPLICANT <b>Hu et al.</b>				
				FILING DATE <b>3/16/2004</b>		GROUP <b>1755</b>		
FOREIGN PATENT DOCUMENTS								
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	0 554 968	10/29/1997	EP	C10G	11/18	No	<input checked="" type="checkbox"/>	
	0 583 025	2/16/1994	EP	B01J	21/04	No	<input checked="" type="checkbox"/>	
	1315553	5/2/1973	GB	B01J	11/52	No	<input checked="" type="checkbox"/>	
	02 08300	1/31/2002	WO			No	<input checked="" type="checkbox"/>	US 2002/0022704


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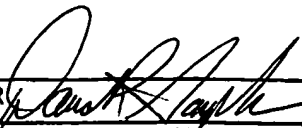
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		APPLICANT <b>Hu et al.</b>			
		FILING DATE  <b>3/16/2004</b>		GROUP <b>1755</b>	

EXAMINER INITIAL*	OTHER DOCUMENTS ( Including author , Title, Date, Pertinent Pages, Etc.)	TRANS SUBMITTED ?	Copy Submitted
	P.O.F. Andersson, M. Pirjamali, S.G. Järås, M. Boutonnet-Kizling, "Cracking Catalyst Additives for Sulfur Removal from FCC Gasoline", Catalysis Today 53 (1999) 565-573.	No	<input checked="" type="checkbox"/>
	Mystrad et al., "Effect of Nickel & Vanadium on Sulfur Reduction of FCC Naptha", Applied Catalyst A: General 192 (2000) - Pages 299-305	No	<input checked="" type="checkbox"/>
	Krishna et al., "Additives Improved FCC Process/Hydrocarbon Process", Hydrocarbon Processing, November 1991, pages 59-66	No	<input checked="" type="checkbox"/>
	Breck, D.W., "Zeolite Molecular Sieves", Structural Chemistry & Use (1974) pg 94.	No	<input checked="" type="checkbox"/>
	American Chemical Society Symposium Series, No. 634, "Contaminant-Metal Deactivation and Metal-Dehydrogenation Effects During Cyclic Propylene Steaming of Fluid Catalytic Cracking Catalysts", Ch 12, pp. 171-183 (1996) by L.T. Boock, T.F. Petti, and J.A. Rudesill.	No	<input checked="" type="checkbox"/>
	Cheng, W.; Suarez, W.; and Young, G.; AIChE Symposium Series; Catalytic Cracking; "The Effect of Catalyst Properties on the Selectivities of Isobutene and Isoamylene in FCC", No. 291, Vol. 88, pgs 38-44.	No	<input checked="" type="checkbox"/>
	Cheng, W., Roberie, T., Suarez, W., Young, G.; National Petroleum Refiners Association; "Reformulated Gasoline: The Role of Current and Future FCC Catalysts", Presented at 1991 NPRA Annual Meeting, March 17-19, 1991, Convention Center, San Antonio, Texas, AM-91-34.	No	<input checked="" type="checkbox"/>
	Journal of Catalysis 85, "Prediction of Cracking Catalyst Behavior by a Zeolite Unit Cell Size Model"; pps. 466-476 (1984) by Pine, L.A., Maher, P.J., and Wachter, W.A.; Exxon Research & Development Laboratories, Baton Rouge, LA.	No	<input checked="" type="checkbox"/>
	Fifth International Symposium on the Advances in Fluid Catalytic Cracking, August 22-26, 1999, New Orleans, LA. "Gasoline Sulfur Removal. Kinetics of S. Compounds in FCC Conditions" by A.Coma, P. Gullbrand, C. Martinez at Instituto de Tecnologia Quimica, UPV-CSIC, Av. Los Naranjos, s/n 46022 - Valencia, Spain	No	<input checked="" type="checkbox"/>
	G. W. Young, G.D. Weatherbee, and S.W. Davey, "Simulating Commercial FCCU Yields With The Davison Circulating Riser (DCR) Pilot Plant Unit," National Petroleum Refiners Association (NPRA) Paper AM88-52.	No	<input checked="" type="checkbox"/>
	J.S. Magee and M.M. Mitchell, Jr. Eds. Studies in Surface Science and Catalysis Volume 76, Ch 8, pp 257-292, Elsevier Science Publishers B.V., Amsterdam 1993, ISBN 0-444-89037-8 ; G.W. Young, "Realistic Assessment of FCC Catalyst Performance in the Laboratory," in Fluid Catalytic Cracking: Science and Technology.	No	<input checked="" type="checkbox"/>
↓	Albro et al. "Quantitative Determination of Sulfur Compounds in FCC Gasolines" by AED - A study of the Effect of Catalyst Type & Catalytic Conditions on Sulfur Distribution", Journal of High Resolution Chromatography, Vol. 16, January 1993.	No	<input checked="" type="checkbox"/>
	Beyerlein et al., "Fluid Catalytic Cracking II - Concepts in Catalyst Design. Ocelli, M.L. Ed. ACS Symposium Series 452, American Chemical Society: Washington, DC, pp. 109-143 (1991).	No	<input checked="" type="checkbox"/>

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		FILING DATE <b>3/16/2004</b>	GROUP
EXAMINER INITIAL*	OTHER DOCUMENTS ( Including author , Title, Date, Pertinent Pages, Etc.)	TRANS SUBMITTED ?	Copy Submitted
	Palmer et al., Appl. Catalysis, Vol. 35, pp. 217-235 (1987)	No	<input checked="" type="checkbox"/>

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